

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
CENTRAL FAX CENTER

JUL 21 2004

Application No.: 10/644,115 Confirmation No. 6515
For: SHARED-CURRENT ELECTRONIC SYSTEMS
Applicants: Barry A. Lautzenhiser et al.
Filed: August 20, 2003
TC/A.U.: 2817
Examiner: Henry Choe
Docket No.: 203-12CIP

OFFICIAL

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

RESPONSE TO REQUIREMENT FOR RESTRICTION UNDER 35 U.S.C. 121
AND AMENDMENT

Sir:

In an Official Office Action of July 2, 2004, Examiner has required, under 35 U.S.C. 121, that Applicants elect a single species for prosecution, and Examiner has given Applicants one month, from July 2, 2004 to August 2, 2004, to respond.

5 In his requirement for restriction, Examiner alleges that there are ten species:

Species I - Figure 1	Species VI - Figure 7
Species II - Figures 2 and 3	Species VII - Figure 8
Species III - Figure 4	Species VIII - Figure 10
10 Species IV - Figure 5	Species IX - Figures 16-18
Species V - Figure 6	Species X - Figures 19-21

Applicant herein elect Species X - figures 19-21 without traverse.

CERTIFICATE OF TRANSMISSION under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to MS Amendment, United States Patent and Trademark Office, FAX No. (703) 872-9306 on July 20, 2004.

Name of person signing this certificate: Wendell E. Miller

Date signed: July 20, 2004

Signature:



1

Total 11 pages
Computer Log ATN

Appl. No.: 10/644,115

Amdt. dated July 20, 2004

Reply to Office action of July 2, 2004

Further, Examiner has required that Applicant provide a listing of all claims that read on the elected species.

Originally-filed and amended independent Claims 1, 4, 5, 6, 7, 10, 11, and 12 read on the elected species, namely: Species X, Figures 19-21. Independent Claims 2, 3, 8, and 9, as filed, did not read on the elected species. As amended herein, Independent Claims 2 and 8 now read on the elected species. Independent Claims 3 and 9, that do not read on the elected species, are canceled herein.

All of the claims added herein, namely Claims 13-22, are dependent claims, and all of these claims read on Species X, the elected species.

All of the claims remaining in the subject patent application, namely Claims 1, 2, 4-8, and 10-22, read on Species X, Figures 19-21.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 11 of this paper.

FACSIMILE COVER SHEET

WENDELL E. MILLER
PATENT AGENT
1506 TIPPECANOE DRIVE, D-1
WARSAW, IN 46580

Tel (574) 267-2729 -- FAX (574) 268-2729

July 20, 2004

**RECEIVED
CENTRAL FAX CENTER****JUL 21 2004****OFFICIAL**

By FAX to (703) 872-9306
Cover sheet and 15 pages

To: MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn.: Examiner Henry Choe

From: Wendell E. Miller

Re: RESPONSE TO REQUIREMENT FOR RESTRICTION
UNDER 35 U.S.C. 121 and AMENDMENT
SHARED-CURRENT ELECTRONIC SYSTEMS
Application No.: 10/644,115 -- Confirmation No.: 6515
Applicants: Barry A. Lautzenhiser et al.
TC/A.U.: 2817
Docket No.: 203-12US

Enclosed:

TRANSMITTAL FORM, PTO/SB/21, 1 page;
FEE TRANSMITTAL for FY 2004, PTO/SB/17 (with authorization
to charge any additional fees or any underpayment of fees
to Deposit Acct 13-3404), 1 page, 2 copies
PATENT APPLICATION FEE DETERMINATION RECORD, PTO/SB/06,
1 page
RESPONSE TO REQUIREMENT FOR RESTRICTION UNDER 35 U.S.C.
121, and AMENDMENT, 11 pages

CERTIFICATE OF TRANSMISSION under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to MS Amendment,
United States Patent and Trademark Office, FAX No. (703) 872-9306 on this date:
July 20, 2004.

Typed name of person signing this certificate: Wendell E. Miller, Registration No. 26,572

Date signed: July 20, 2004Signature: Wendell E. Miller

CompuLink .11P

Sent By: WENDELL E MILLER PATENT AGENT ; 574-268-2729;

Jul-21-04 11:21;

Page 3

PTO/SB/21 (02-04)
Approved for use through 07/31/2006. OMB 0661-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/644,115	
	Filing Date	August 20, 2003	
	First Named Inventor	Barry A. Lautzenhiser	
	Art Unit	2817	
	Examiner Name	Henry Choe	
Total Number of Pages in This Submission	14	Attorney Docket Number	203-12CIP

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form 2 copies <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Election/Restriction, Amendment/Reply 11 pages <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ Remarks _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PATENT APPLICATION FEE DETERMINATION RECORD, PTO/SB/06, 1 page

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Wendell E. Miller, Patent Agent
Signature	<i>Wendell E. Miller</i>
Date	July 20, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Wendell E. Miller
Signature	<i>Wendell E. Miller</i>
Date	July 20, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8199 and select option 2.

Sent By: WENDELL E MILLER PATENT AGENT ; 574-268-2729;

Jul-21-04 11:21;

Page 4

PTO/SB/17 (10-03)
Approved for use through 07/31/2008. OMB 0551-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003 Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT: (\$) -0-

Complete If Known

Application Number 10/644,115
Filing Date August 20, 2003
First Named Inventor Barry A. Lautzenhiser
Examiner Name Henry Choe
Art Unit 2817
Attorney Docket No. 203-12CIP

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

13-3404

Wendell E. Miller

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 180	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) -0-

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 20
Independent Claims 10
Multiple Dependent 10

Extra Claims Fee from below x Fee Paid

20 * 0 = 0
10 * 12 = 0
10 * 0 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 8	Claims in excess of 20	
1201 88	2201 43	Independent claims in excess of 3	
1203 200	2203 145	Multiple dependent claim, if not paid	
1204 88	2204 43	** Reissue independent claims over original patent	
1205 18	2205 8	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) -0-

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 820*	1804 820*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,430	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 280	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 685	Petition to revive - unintentional	
1501 1,330	2501 685	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(g)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (three number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) -0-

SUBMITTED BY

Name (Print/Type) Wendell E. Miller

Registration No. 26,572

(Attorney/Agent)

Telephone (574) 267-2729

Signature

[Signature]

Date July 20, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 13 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Sent By: WENDELL E MILLER PATENT AGENT ; 574-268-2729;

Jul-21-04 11:22;

Page 5

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision.		Complete if Known	
		Application Number Filing Date First Named Inventor Examiner Name Art Unit Attorney Docket No.	10/644,115 August 20, 2003 Barry A. Lautzenhiser Henry Choe 2817 203-12CIP
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		TOTAL AMOUNT OF PAYMENT (\$) 0	

METHOD OF PAYMENT (check all that apply) <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 13-3404 Deposit Account Name: Wendell E. Miller The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		FEE CALCULATION (continued) 3. ADDITIONAL FEES Large Entity / Small Entity																																																																																																																																																													
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001 770</td> <td>2001 385</td> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>1002 340</td> <td>2002 170</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003 530</td> <td>2003 265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004 770</td> <td>2004 385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005 160</td> <td>2005 80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3">SUBTOTAL (1) (\$)</td> <td>-0-</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1001 770	2001 385	Utility filing fee		1002 340	2002 170	Design filing fee		1003 530	2003 265	Plant filing fee		1004 770	2004 385	Reissue filing fee		1005 160	2005 80	Provisional filing fee		SUBTOTAL (1) (\$)			-0-	<table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051 130</td> <td>2051 65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052 60</td> <td>2052 25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053 130</td> <td>2053 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812 2,520</td> <td>2812 2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804 920</td> <td>2804 920</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805 1,840</td> <td>2805 1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251 110</td> <td>2251 55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252 420</td> <td>2252 210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253 980</td> <td>2253 475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254 1,400</td> <td>2254 740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1256 2,010</td> <td>2256 1,005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401 330</td> <td>2401 165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402 330</td> <td>2402 165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403 290</td> <td>2403 145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451 1,510</td> <td>2451 1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452 110</td> <td>2452 55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453 1,330</td> <td>2453 665</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501 1,330</td> <td>2501 665</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502 480</td> <td>2502 240</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503 840</td> <td>2503 420</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460 130</td> <td>2460 130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807 50</td> <td>2807 50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806 180</td> <td>2806 180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021 40</td> <td>28021 40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809 770</td> <td>2809 385</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>1810 770</td> <td>2810 385</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1801 770</td> <td>2801 385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802 900</td> <td>2802 900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="3">Other fee (specify):</td> <td></td> </tr> <tr> <td colspan="3">*Reduced by Basic Filing Fee Paid</td> <td></td> </tr> <tr> <td colspan="3">SUBTOTAL (3) (\$)</td> <td>-0-</td> </tr> </tbody> </table>		Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	1051 130	2051 65	Surcharge - late filing fee or oath		1052 60	2052 25	Surcharge - late provisional filing fee or cover sheet		1053 130	2053 130	Non-English specification		1812 2,520	2812 2,520	For filing a request for ex parte reexamination		1804 920	2804 920	Requesting publication of SIR prior to Examiner action		1805 1,840	2805 1,840	Requesting publication of SIR after Examiner action		1251 110	2251 55	Extension for reply within first month		1252 420	2252 210	Extension for reply within second month		1253 980	2253 475	Extension for reply within third month		1254 1,400	2254 740	Extension for reply within fourth month		1256 2,010	2256 1,005	Extension for reply within fifth month		1401 330	2401 165	Notice of Appeal		1402 330	2402 165	Filing a brief in support of an appeal		1403 290	2403 145	Request for oral hearing		1451 1,510	2451 1,510	Petition to institute a public use proceeding		1452 110	2452 55	Petition to revive - unavoidable		1453 1,330	2453 665	Petition to revive - unintentional		1501 1,330	2501 665	Utility issue fee (or reissue)		1502 480	2502 240	Design issue fee		1503 840	2503 420	Plant issue fee		1460 130	2460 130	Petitions to the Commissioner		1807 50	2807 50	Processing fee under 37 CFR 1.17(q)		1806 180	2806 180	Submission of Information Disclosure Stmt		8021 40	28021 40	Recording each patent assignment per property (times number of properties)		1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))		1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))		1801 770	2801 385	Request for Continued Examination (RCE)		1802 900	2802 900	Request for expedited examination of a design application		Other fee (specify):				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)			-0-
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																												
1001 770	2001 385	Utility filing fee																																																																																																																																																													
1002 340	2002 170	Design filing fee																																																																																																																																																													
1003 530	2003 265	Plant filing fee																																																																																																																																																													
1004 770	2004 385	Reissue filing fee																																																																																																																																																													
1005 160	2005 80	Provisional filing fee																																																																																																																																																													
SUBTOTAL (1) (\$)			-0-																																																																																																																																																												
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																												
1051 130	2051 65	Surcharge - late filing fee or oath																																																																																																																																																													
1052 60	2052 25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																													
1053 130	2053 130	Non-English specification																																																																																																																																																													
1812 2,520	2812 2,520	For filing a request for ex parte reexamination																																																																																																																																																													
1804 920	2804 920	Requesting publication of SIR prior to Examiner action																																																																																																																																																													
1805 1,840	2805 1,840	Requesting publication of SIR after Examiner action																																																																																																																																																													
1251 110	2251 55	Extension for reply within first month																																																																																																																																																													
1252 420	2252 210	Extension for reply within second month																																																																																																																																																													
1253 980	2253 475	Extension for reply within third month																																																																																																																																																													
1254 1,400	2254 740	Extension for reply within fourth month																																																																																																																																																													
1256 2,010	2256 1,005	Extension for reply within fifth month																																																																																																																																																													
1401 330	2401 165	Notice of Appeal																																																																																																																																																													
1402 330	2402 165	Filing a brief in support of an appeal																																																																																																																																																													
1403 290	2403 145	Request for oral hearing																																																																																																																																																													
1451 1,510	2451 1,510	Petition to institute a public use proceeding																																																																																																																																																													
1452 110	2452 55	Petition to revive - unavoidable																																																																																																																																																													
1453 1,330	2453 665	Petition to revive - unintentional																																																																																																																																																													
1501 1,330	2501 665	Utility issue fee (or reissue)																																																																																																																																																													
1502 480	2502 240	Design issue fee																																																																																																																																																													
1503 840	2503 420	Plant issue fee																																																																																																																																																													
1460 130	2460 130	Petitions to the Commissioner																																																																																																																																																													
1807 50	2807 50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																													
1806 180	2806 180	Submission of Information Disclosure Stmt																																																																																																																																																													
8021 40	28021 40	Recording each patent assignment per property (times number of properties)																																																																																																																																																													
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																													
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																													
1801 770	2801 385	Request for Continued Examination (RCE)																																																																																																																																																													
1802 900	2802 900	Request for expedited examination of a design application																																																																																																																																																													
Other fee (specify):																																																																																																																																																															
*Reduced by Basic Filing Fee Paid																																																																																																																																																															
SUBTOTAL (3) (\$)			-0-																																																																																																																																																												
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Total Claims: 20 -20* = 0 X 0 = 0 Independent Claims: 10 -12* = 0 X 0 = 0 Multiple Dependent: 0 X 0 = 0 <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202 18</td> <td>2202 9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201 88</td> <td>2201 43</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203 290</td> <td>2203 145</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204 65</td> <td>2204 43</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="3">SUBTOTAL (2) (\$)</td> <td>-0-</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1202 18	2202 9	Claims in excess of 20		1201 88	2201 43	Independent claims in excess of 3		1203 290	2203 145	Multiple dependent claim, if not paid		1204 65	2204 43	** Reissue independent claims over original patent		1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) (\$)			-0-	**or number previously paid, if greater; For Reissues, see above																																																																																																																																	
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																												
1202 18	2202 9	Claims in excess of 20																																																																																																																																																													
1201 88	2201 43	Independent claims in excess of 3																																																																																																																																																													
1203 290	2203 145	Multiple dependent claim, if not paid																																																																																																																																																													
1204 65	2204 43	** Reissue independent claims over original patent																																																																																																																																																													
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																													
SUBTOTAL (2) (\$)			-0-																																																																																																																																																												

SUBMITTED BY Name (Print/Type): Wendell E. Miller Signature: <i>Wendell E. Miller</i>		Registration No. 26,572 (Attorney/Agent)		Telephone (574) 267-2729 Date July 20, 2004	
---	--	--	--	--	--

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket 203-12CIP

Title: SHARED CURRENT ELECTRONIC SYSTEMS

PTO/SB/08 (08-03)

Approved for use through 7/31/2006, CMB 0661-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-876

Application or Docket Number

10/644,115

Filed 8/20/03

CLAIMS AS FILED - PART I

(Column 1)		(Column 2)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE			RATE	FEE
BASIC FEE (37 CFR 1.16(a))				\$ 375		OR		\$
TOTAL CLAIMS (37 CFR 1.16(a))	12	minus 20 =	0	X \$ =	0	OR	X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	12	minus 3 =	9	X \$ 42 =	378	OR	X \$ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$ =		OR		+ \$ =	
TOTAL				753	OR		TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.
 Election/Restriction & Amendment
 CLAIMS AS AMENDED - PART II

7/20/04

(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE				RATE	ADDITIONAL FEE
Total (37 CFR 1.16(b))	20	minus 20	0	X \$ =	0	OR	X \$ =		X \$ =	
Independent (37 CFR 1.16(b))	10	minus 12	0	X \$ =	0	OR	X \$ =		X \$ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			+ \$ =		OR		+ \$ =			
TOTAL ADD'L FEE				0	OR		TOTAL ADD'L FEE			

(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE				RATE	ADDITIONAL FEE
Total (37 CFR 1.16(b))		minus		X \$ =		OR	X \$ =		X \$ =	
Independent (37 CFR 1.16(b))		minus		X \$ =		OR	X \$ =		X \$ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			+ \$ =		OR		+ \$ =			
TOTAL ADD'L FEE					OR		TOTAL ADD'L FEE			

(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE				RATE	ADDITIONAL FEE
Total (37 CFR 1.16(b))		minus		X \$ =		OR	X \$ =		X \$ =	
Independent (37 CFR 1.16(b))		minus		X \$ =		OR	X \$ =		X \$ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			+ \$ =		OR		+ \$ =			
TOTAL ADD'L FEE					OR		TOTAL ADD'L FEE			

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" in THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" in THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

If you need assistance in completing the form, call 1-800-PTO-6189 and select option 2.